

Isolate detail

Isolate name: A/chicken/East_Java/Av195/2014
 Isolate ID: EPI_ISL_307016
 Type: A / H5
 Passage details/history: E2
 Lineage:

Sample information

Collection date: 2014-01-25
 Location: Indonesia / East Java
 Host: Gallus gallus domesticus
 Additional location information: Sidoarjo
 Additional host information:
 Health status: Sick
 Domestic status: Domestic
 Specimen source: Cloacal swab
 Vaccinated: N
 Strain or commercial product name used for vaccination:

Institute information

Originating lab: Institute of Tropical Disease, Universitas Airlangga
 Address: Institute of Tropical Disease, Universitas Airlangga Mulyorejo Surabaya, Indonesia
 Sample ID given by the sample provider: Av195
 Submitting lab: Kobe University Graduate School of Medicine
 Address: Kobe University Graduate School of Medicine Center for Infectious Diseases 7-5-2 Kusunoki-cho, Chuo-ku, Hyogo Prefecture Kobe 650-0017 Japan
 Sample ID given by the submitting laboratory: Av195
 Authors: AM,Nastri; AL,Poetranto; ED,Poetranto; SPA,Wahyuningsih; W,Darmanto; EF,Puruhito; L,Wulandari; G,Soegiarto; YK,Shimizu; Y,Mori; K,Shimizu

In vivo antiviral resistance - Unspecified

Adamantanes: Unknown
 Oseltamivir: Unknown
 Zanamivir: Unknown
 Peramivir: Unknown

Other: Unknown

In vivo antiviral resistance - Genotype: Unknown

In vivo antiviral resistance - Phenotype: Unknown

Antigenic
characterisation:

Note:

Sequence

segment	identifier	length	accession #	INSDC
HA	A/chicken/East_Java/Av195/2014	1776	EPI1215581	

Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-18

Last modifier: Shimizu, Kazufumi

Last modified: 2018-12-07

Address: Kobe University Graduate School of Medicine Center for Infectious
Diseases 7-5-2 Kusunoki-cho, Chuo-ku, Hyogo Prefecture Kobe
650-0017 Japan



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Analysis

Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/chicken/East_Java/Av 195/2014	1776	EPI1215 581

```
0001  agcgaaagca ggggttcact ctgtcaaaat ggagaagata
attcttctat ttgcaacaat cagccttgtc aaaagcgatc
0081  atatttgcac aggttatcat gcaaataact cgacagagca
ggttgacaca ataattgaaa agaactgtac tgttacacat
0161  gcacaagaca tactggaaaa gacacacaac ggaagctct
gcatctaaa tggagtgaag cctctgattt taaaggattg
0241  tagtgtagcg gcatggctcc ttggaaatcc attgtgtgac
gaattcacca atgtgccaga atgtcttacc atagtagaga
0321  agccaatcc agccaatgac ctctgttacc caggaaattt
caacgattat gaagaattga aacacctatt gagtaggata
0401  aaccattttg agaaaataca gatcatcccc aaagattctt
ggtcagatca tgaagcctca ttgggggtga ggcagcatg
0481  ttcataccag ggaaattcct cttcttcag aaatgtggtg
tggcttatca aaaagggcaa tgcatacca acaataaaga
0561  aaagctacaa taacaccaac cgagaagatc tattgatact
gtggggaatc caccatccta atgatgaggc agagcagaca
0641  aggtctatc aaaacccatc tacctatatt tccattggga
cttcaacact aaaccagaga ttgtaccac aaatagccac
0721  taggtccaaa ataaacgggc aaagtggcag gatagatttc
ttttggacaa ttttaaaacc gtatgacgca atccacttcg
0801  agagtaatgg aaatttcatt gctccagaat atgcatacaa
aattgtcaag aaaggagact ccacaatcat gagaagtga
```



Blast HA



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HA to...



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0881 gtggaatatg gtaactgcaa caccaggtgt cagactccaa
taggggpcgat aaactctagt atgccattcc acaacataca
0961 ccctctcacc atcggagaat gtcccaaata tgtgaagtca
aacaattag tccttgcaac tgggctcaga aatagtcctc
1041 aaagagagag aagaagaaaa agaggactgt ttggagctat
agcagggttt atagaggggag gatggcaggg aatggtagat
1121 ggttggtatg ggtaccacca cagcaatgag caggggagtg
gttacgcagc agacaaagaa tctactcaaa aggcgataga
1201 cggagtcacc aataagggtca attcgatcat tgacaaaatg
aacactcagt ttgaggctgt aggaaggagg ttaataaact
1281 tagagaggag aatagaaaat ttaaacaaga agatggaaga
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1361 gttctcatgg agaattgagag aactctagac ttccatgact
caaatgtcaa gaacctttac gataagggtcc gactacagct
1441 taaagataat gcaaaagagc tgggaaacgg ttgttttgag
ttctatcaca aatgtaataa tgaatgtatg gaaagtgtaa
1521 gaaacgggac gtatgactac ccgcagtatt cagaagaagc
aagattaaaa agagaggaaa taagtggagt aaaactggaa
1601 tcaataggaa tctaccaaact actgtcaatt tattcaacag
tggcgagttc cctagtgtg gcaatcatga tggctggtct
1681 atcttttatgg atgtgttcca acgggtcgtt acagtgcaga
atctgcattt aagtttgtga attcagattg tagttaaaaa
1761 cacccttggt tctact

gene HA complete CDS

0001 MEKIILLFAT ISLVKSDHIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN
0081 PLCDEFTNVP EWSYIVEKAN PANDLCYPGN FNDYEELKHL
LSRINHFEKI QIIPKDSWSD HEASLGVSAA CSYQGNSSFF
0161 RNVVWLIKKG NAYPTIKKSY NNTNREDLLI LWGIHHPNDE
AEQTRLYQNP STYISIGTST LNQRLVPKIA TRSKINGQSG
0241 RIDFFWTILK PYDAIHVESN GNFIAPPEYAY KIVKKGDSI
MRSEVEYGNC NTRCQTPIGA INSSMPFHNI HPLTIGECPK
0321 YVKSNNKLVL TGLRNSPQRE RRRKRGLFGA IAGFIEGGWQ
GMVDGWYGYH HSNEQGSQYA ADKESTQKAI DGVTNKVNSI
0401 IDKMNTQFEA VGREFNLER RIENLNKKME DGFLDVWTYN
TELLVLMENE RTLDFHDSNV KNLYDKVRLQ LKDNAKELGN
0481 GCFEFYHKCN NECMESVRNG TYDYPQYSEE ARLKREEISG
VKLESIGIYQ ILSIYSTVAS SLVLAIMMAG LSLWMCSNGS
0561 LQCRICI



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e HA



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